

Title (en)  
MULTIPLE CELL BATTERY MANAGEMENT

Title (de)  
VERWALTUNG MEHRZELLIGER BATTERIEN

Title (fr)  
GESTION DE BATTERIE À CELLULES MULTIPLES

Publication  
**EP 2932554 A1 20151021 (EN)**

Application  
**EP 13862053 A 20140117**

Priority  
• US 201261737048 P 20121213  
• US 201314099957 A 20131208  
• US 2013074840 W 20140117

Abstract (en)  
[origin: US2014167683A1] A method and system to manage battery pack having a plurality of rechargeable battery cells connected in series is disclosed. The system comprises a plurality of identical voltage detection and charging modules, one for each of the plurality of battery cells. The system also comprises a multiplexer connected to and multiplexing each of the voltage detection and charging modules. Each of the modules has one or two wires connecting to the positive side of its corresponding battery cell and another set of one or two wires connecting to the negative side of the battery cell.

IPC 8 full level  
**H01M 10/44** (2006.01)

CPC (source: EP US)  
**G01R 31/382** (2018.12 - US); **H02J 7/0018** (2013.01 - EP US); **H02J 7/00711** (2020.01 - EP US); **G01R 31/3835** (2018.12 - EP US)

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